

Superior by virtue of design and experience



## Original BRENNEKE® TIG® and TUG® – High Tech Quality.

Loaded Ammunition And Bullets For Handloading



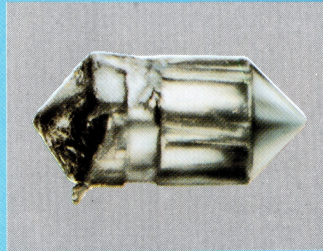


The great WILHELM BRENNEKE, ingenious inventor of the Original BRENNEKE® Slugs known all over the world, also blazed the trail in the field of centerfire rifle cartridges and bullets to which experienced hunters owe their success for more than 60 years.

By designing the Original BRENNEKE® TORPEDO-IDEAL-GESCHOSSE (Bullets) – TIG® – and TORPEDO-UNIVERSAL-GESCHOSSE (Bullets) – TUG® – WILHELM BRENNEKE fixed the tendency according to which the shape of almost every newer bullet is designed. For this reason he can be regarded as designer of the majority of modern bullets without exaggeration.



The Original BRENNEKE® TORPEDO-UNIVERSAL-GESCHOSSE (Bullet) – TUG® – differs from the TIG® by having a tail with a harder core which fits conically into the front lead core. By means of this shape of core the mushrooming effect is



Expanded TUG® Bullet

The Original BRENNEKE® TUG® is available in following versions:

- Cal. .30 mm (dia .308) 180 grs (11,7 g)
- Cal. 9,3 mm (dia .366) 293 grs (19,0 g)

reduced whereas the penetration effect is even higher. The TUG® is most suitable for heavy and heaviest big game.

- Controlled energy transfer
- Jacket of ingot steel
- Core made of softer lead

TUG®

- Cal. .375 mm (dia .375) 301 grs (19,5 g)

- Core made of harder lead
- Torpedo tail

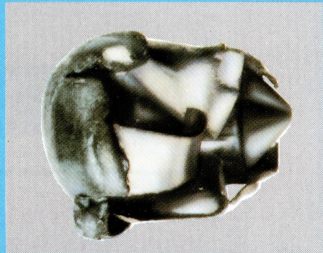
Sharp-pointed edge

Sharp-pointed edge

TIG®

- Controlled energy transfer
- Torpedo tail
- Core made of softer lead
- Jacket of ingot steel
- Core made of harder lead

The typical characteristic of the Original BRENNEKE® TORPEDO-IDEAL-GESCHOSSE (Bullet) – TIG® is a funnel-shaped groove in the harder tail core in which the front lead core fits plug-like. This core construction supports the mush-



Expanded TIG® Bullet



rooming deformation of the TIG® Bullet and ensures high energy transfer in the target. It is most suitable for all small and medium-sized game.

The Original BRENNEKE® TIG® is available in following versions:

- Cal. 7 mm (dia .284) 162 grs (10,5 g)
- Cal. 7 mm (dia .284) 177 grs (11,5 g)
- Cal. .30 (dia .308) 150 grs (9,7 g)
- Cal. 8 mm S (dia .323) 198 grs (12,8 g)

All Original BRENNEKE® TIG® and TUG® have the following typical features of performance:

1. Constant excellent precision both in new and much-used barrels due to the long and slim shape of the Bullet with a jacket of ingot steel.
2. The torpedo tail achieves better interior-ballistic results because its floor space is 1/3 greater compared to the normal shape and thus it favors the exterior-ballistic behavior by means of higher stability in flight.
3. Practically no deviation when grazing small obstacles during trajectory (grasses, small branchlets etc.).
4. The sharp-pointed edge typical for BRENNEKE® punches a circular hole and thus leaves cut hair and a scent trail at the entrance hole.
5. The principle of two cores provides controlled energy transfer by deforming in time the front core made of softer lead and then cecelerating the tail of the Bullet with a core made of harder lead. This effect is supported by the increasing thickness of the bullet jacket and the constrictions in the tail.
6. The design of the Bullet adjusts to the resistance of the game's body (no matter whether it is heavy or light). For this reason the energy transfer in the target is optimal and ensures reliable effect in width and depth and the tail core made of harder lead (penetration part) guarantees the desired exit hole in most cases.





Original BRENNKE® TIG® and TUG®  
are now available in the USA  
in RWS Centerfire Rifle Cartridges.



Sole manufacturer: Dynamit Nobel AG (RWS) Germany

**Ballistics Data of RWS-Centerfire rifle cartridges  
with the Original BRENNKE® TIG® and TUG®**

Caliber	V E <sup>1)</sup>	0 yds	50 yds	100 yds	150 yds	200 yds	250 yds	300 yds
<b>7 x 57</b>	V [ft./sec.]	2620	2480	2340	2230	2130	2030	1960
<b>TIG 162 grs</b>	E [ft./lbs.]	2470	2210	1970	1790	1630	1480	1380
<b>7 x 57 R</b>	V [ft./sec.]	2560	2410	2270	2170	2070	1980	1910
<b>TIG 162 grs</b>	E [ft./lbs.]	2355	2090	1855	1690	1540	1410	1310
<b>7 x 57 R</b>	V [ft./sec.]	2460	2350	2250	2150	2055	1965	1880
<b>TIG 177 grs</b>	E [ft./lbs.]	2385	2180	1995	1825	1670	1525	1390
<b>.280 Rem.</b>	V [ft./sec.]	2785	2655	2530	2410	2295	2190	2085
<b>TIG 162 grs</b>	E [ft./lbs.]	2795	2540	2305	2090	1900	1725	1565
<b>7 x 64 BRENNKE</b>	V [ft./sec.]	2890	2715	2570	2455	2345	2240	2140
<b>TIG 162 grs</b>	E [ft./lbs.]	3000	2655	2375	2170	1980	1805	1650
<b>7 x 64 BRENNKE</b>	V [ft./sec.]	2790	2670	2555	2445	2340	2235	2135
<b>TIG 177 grs</b>	E [ft./lbs.]	3065	2810	2575	2355	2155	1970	1800

Caliber	V E <sup>1)</sup>	0 yds	50 yds	100 yds	150 yds	200 yds	250 yds	300 yds
<b>7 x 65 R BRENNKE</b>	V [ft./sec.]	2855	2685	2525	2405	2305	2205	2115
<b>TIG 162 grs</b>	E [ft./lbs.]	2935	2595	2295	2085	1915	1750	1610
<b>7 x 65 R BRENNKE</b>	V [ft./sec.]	2690	2575	2465	2355	2255	2155	2060
<b>TIG 177 grs</b>	E [ft./lbs.]	2850	2615	2395	2190	2005	1830	1675
<b>7 mm Rem. Mag.</b>	V [ft./sec.]	2985	2860	2735	2615	2500	2395	2290
<b>TIG 177 grs</b>	E [ft./lbs.]	3515	3220	2950	2700	2470	2260	2065
<b>.308 Win.</b>	V [ft./sec.]	2850	2710	2570	2430	2290	2150	2020
<b>TIG 150 grs</b>	E [ft./lbs.]	2705	2445	2200	1965	1745	1540	1360
<b>.308 Win.</b>	V [ft./sec.]	2550	2415	2285	2170	2055	1960	1870
<b>TUG 180 grs</b>	E [ft./lbs.]	2615	2340	2100	1890	1695	1540	1405
<b>.30-06</b>	V [ft./sec.]	2990	2830	2680	2540	2400	2260	2120
<b>TIG 150 grs</b>	E [ft./lbs.]	2975	2665	2390	2150	1920	1700	1495
<b>.30-06</b>	V [ft./sec.]	2755	2610	2475	2350	2230	2110	2010
<b>TUG 180 grs</b>	E [ft./lbs.]	3045	2735	2455	2215	1990	1790	1615
<b>.30 R Blaser</b>	V [ft./sec.]	2820	2680	2540	2405	2280	2160	2040
<b>TUG 180 grs</b>	E [ft./lbs.]	3190	2880	2590	2320	2085	1870	1670
<b>.300 Win. Mag.</b>	V [ft./sec.]	3085	2930	2785	2640	2505	2370	2245
<b>TUG 180 grs</b>	E [ft./lbs.]	3815	3445	3110	2795	2515	2255	2020
<b>8 x 57 IS</b>	V [ft./sec.]	2620	2480	2350	2240	2130	2050	1960
<b>TIG 198 grs</b>	E [ft./lbs.]	3015	2705	2425	2205	1995	1845	1690
<b>8 x 57 IRS</b>	V [ft./sec.]	2460	2330	2200	2090	1990	1910	1840
<b>TIG 198 grs</b>	E [ft./lbs.]	2660	2385	2125	1920	1740	1595	1490
<b>9,3 x 62</b>	V [ft./sec.]	2430	2350	2280	2210	2140	2060	2000
<b>TUG 293 grs</b>	E [ft./lbs.]	3840	3590	3380	3175	2980	2775	2600
<b>9,3 x 64 BRENNKE</b>	V [ft./sec.]	2570	2490	2410	2340	2270	2200	2130
<b>TUG 293 grs</b>	E [ft./lbs.]	4295	4030	3775	3560	3350	3155	2950
<b>9,3 x 74 R</b>	V [ft./sec.]	2280	2210	2140	2070	2000	1940	1880
<b>TUG 293 grs</b>	E [ft./lbs.]	3380	3175	2980	2785	2600	2455	2300
<b>.375 H&amp;H Mag.</b>	V [ft./sec.]	2590	2460	2330	2205	2090	1975	1865
<b>TUG 300 grs</b>	E [ft./lbs.]	4485	4045	3630	3250	2920	2610	2325

<sup>1)</sup> V = Speed · E = Energy



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or to place an order  
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